

TEXAS DEPARTMENT OF INSURANCE

Engineering Services Program / MC 103-3A 333 Guadalupe Street P.O. Box 149104 Austin, Texas 78714-9104
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PRODUCT EVALUATION

WIN-1619

Effective Date: June 1, 2012

Reevaluation Date: **March 2013**

The following product has been evaluated for compliance with the wind loads specified in the **International Residential Code (IRC)** and the **International Building Code (IBC)**.

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

Series W210/X210/H210 Vinyl Double Hung Windows, Individual, Replacement, Non-impact Resistant, manufactured by:

NT Windows, Inc.
4949 Rendon Road
Fort Worth, Texas 76140
Telephone: (800) 969-8830

will be acceptable in designated catastrophe areas along the Texas Gulf Coast when installed in accordance with the manufacturer's installation instructions and this product evaluation.

PRODUCT DESCRIPTION

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series W210/X210/H210 Vinyl Double Hung Windows; Individual; (X/X)	H-LC45 54x77	± 45

Product Dimensions:

System	Overall Size
1	54" x 77"

Product Identification:

System		
1	Certification Agency	AAMA
	Manufacturer's Name or Code Name	NT-1
	Product Name	Series W210/X210/H210 DH
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-05

Impact Resistance:

Impact Resistant	Requirement
No	Impact protective system required when product is installed in areas where windborne debris protection is required

INSTALLATION INSTRUCTIONS

General: The window assembly shall be prepared and installed in accordance with the manufacturers recommended installation instructions. Detailed installation instructions and drawings are available from the manufacturer.

Installation:

Replacement: The wall framing shall be minimum Spruce-Pine-Fir dimension lumber. The window is secured to the wall framing members using the frame of the window with minimum No. 8 x 2" screws. The fasteners are required along each side jamb only. A minimum of three (3) fasteners are required along each side jamb. One fastener is located approximately 5 inches from each end and at mid-span. The fasteners shall be long enough to penetrate a minimum of 1 ½ inches into the wall framing.

Note: The manufacturer's installation instructions shall be available on the job site during installation. All fasteners shall be corrosion resistant as specified in the International Residential Code (IRC); the International Building Code (IBC); and the Texas Revisions.